

Damien Dhingra

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EXPERIENCE

Data Knobs

Feb. 2023 – Current

Software Engineer, Intern

Redmond, WA

- Developed and implemented a vector database within the Pinecone framework, seamlessly integrating it into the system using C++ and Python.
- Engineered an efficient data pipeline for a Stocks Earnings Call Large Language Model (LLM), automating the extraction and upload of data from every company's earnings calls using Python and C++.
- Worked on bugs as well as production improvements regularly on existing applications using Java and Python
- Implemented a robust web application using React and Node.js, incorporating Redux for state management ensuring responsiveness and streamlining data flow
- **Highlights:** Stocks Earnings Call Bot(Internship Project)

A/B Experiment

Jun. 2022 – Sept. 2022

Full-Stack Software Engineer, Intern

Bellevue, WA

- **Led front-end development** of a dashboard of A/B testing methods on ads using React and Node.js
- Engineered a version control system using Git and Python for an A/B testing software, reducing deployment time for the engineering team, **by 20%**
- Championed the creation of a website analytics tool for A/B testing software, achieving a 40% efficiency boost through user-centric shadowing, iterative design enhancements, and collaborative implementation with the engineering team, using Python, Javascript, and SQL

PROJECTS

Stocks Earnings Call Bot(Internship Project)

- Made a chatbot LLM that is able to pull stocks earning calls, store data in a vector database and spit back out to the user with **100% success rate**
- Designed the **data pipeline** for this project as well

Google review Food LLM Bot

- Developed an app using python, and Javascript that is able to scrape reviews from Google and summarize user experience at said business
- product and design process on Github

Volcanoes and Population Mapping

- Built a Python script to automatically map population and volcanoes data using pandas, and react.

EDUCATION

University Of Washington

Sep. 2020 – Dec 2024

Bachelor of Arts in Computer Science and Business Management

Seattle, WA

- **Coursework:** Data Structures, Algorithms, Databases, Computer Systems, Machine Learning, Product and Project Management

SKILLS

Languages : Python, JavaScript (React.js), HTML/CSS, C++, SQL (PostgreSQL, MySQL)

Tools : Figma, Notion, Jira, Trello, Miro, Google Analytics, GitHub, DaVinci Resolve, OBS